

1.
2.
3.
4.

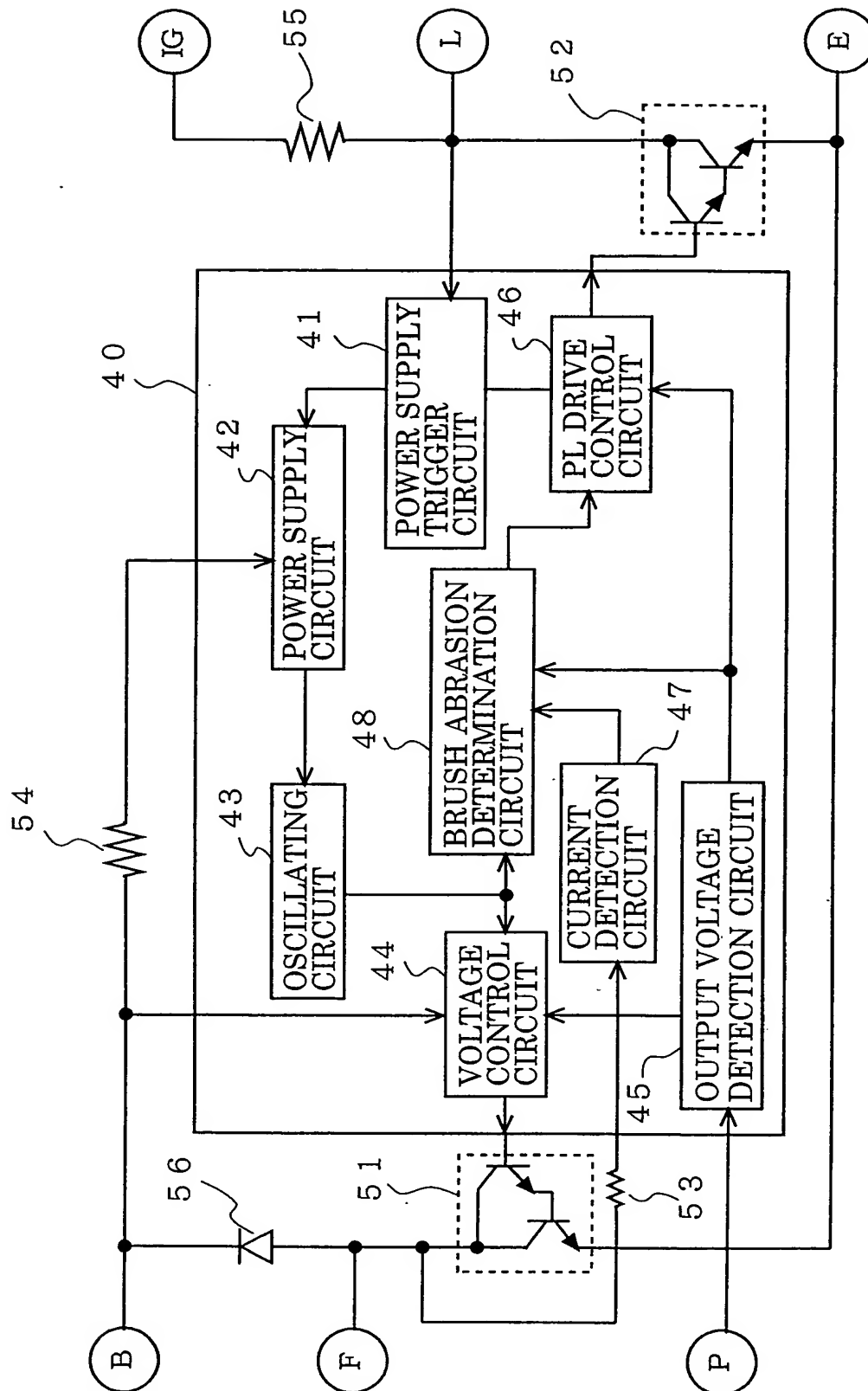
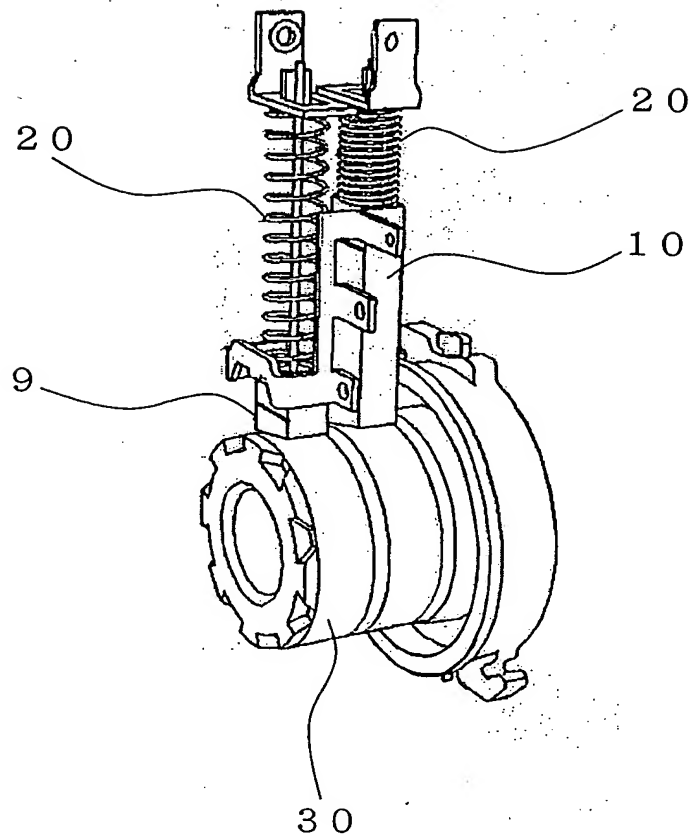
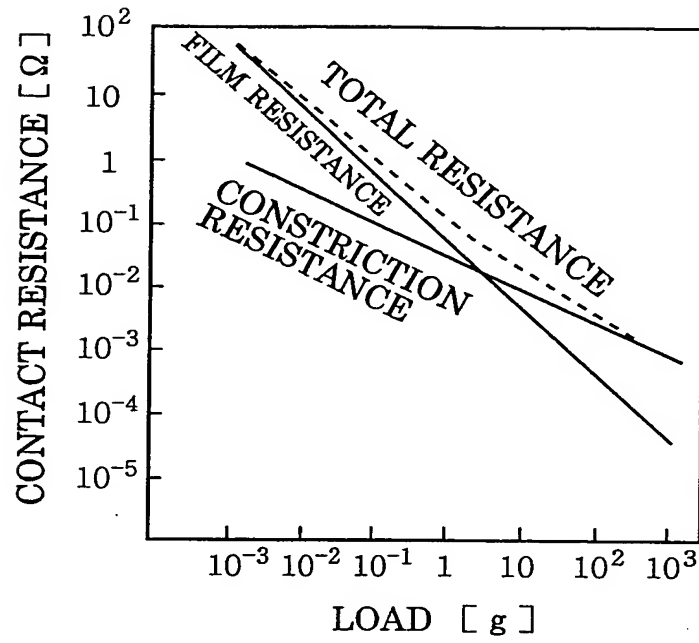


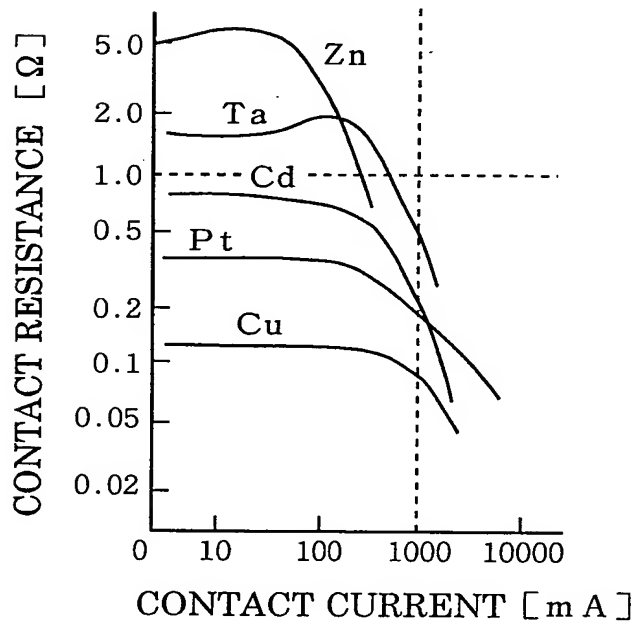
Fig. 2



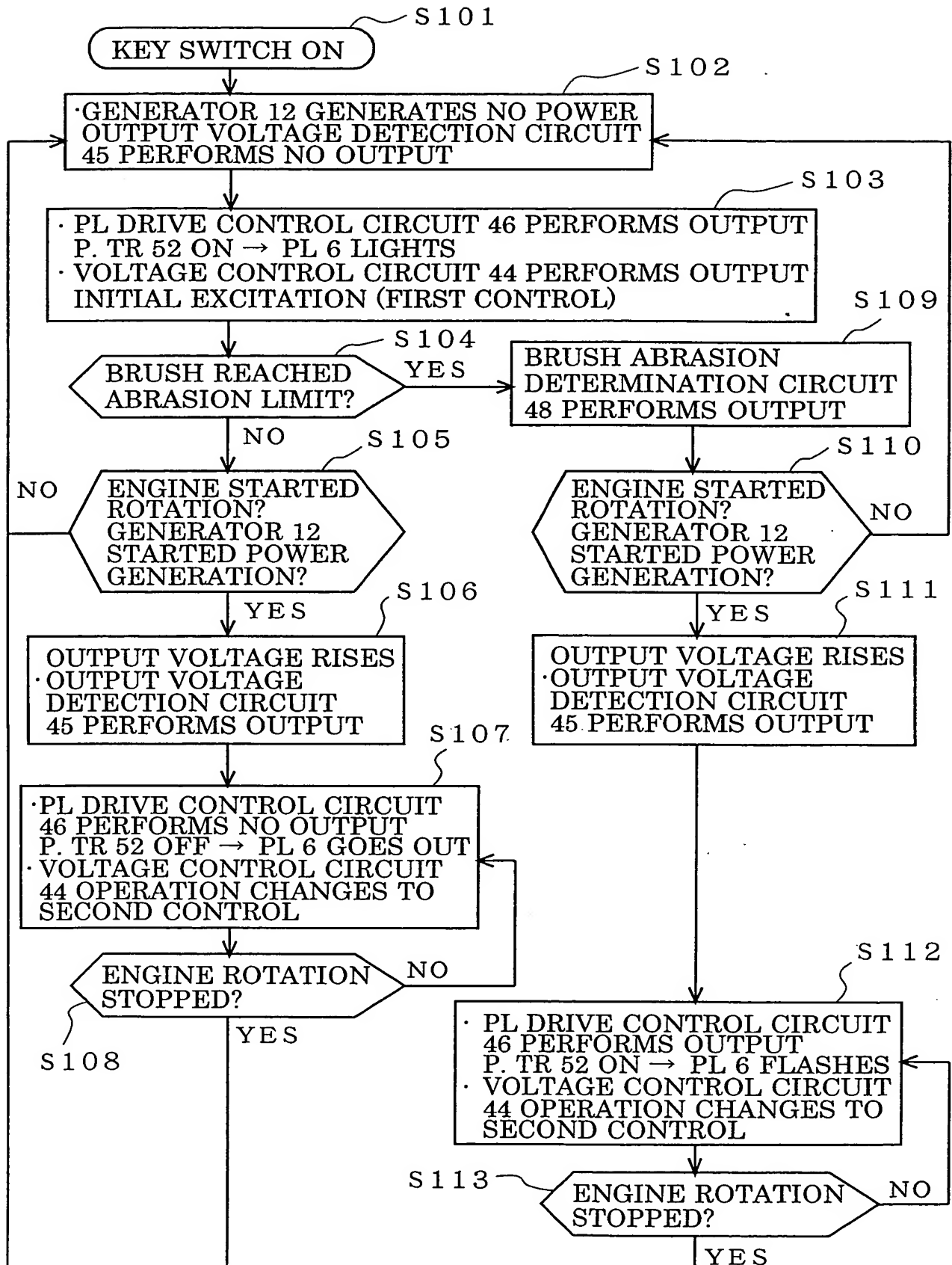
F i g . 3



F i g . 4



F i g . 5



F i g . 6

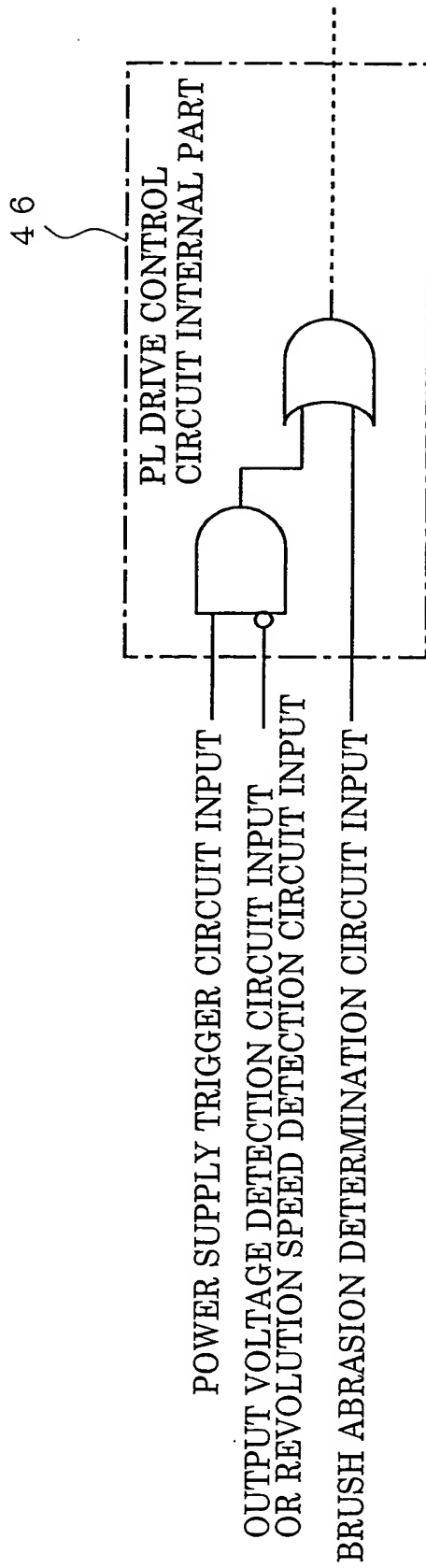


Fig. 7

(a)

BRUSH ABRASION DETERMINATION CIRCUIT	OUTPUT VOLTAGE DETECTION CIRCUIT REVOLUTION SPEED DETECTION CIRCUIT	POWER SUPPLY TRIGGER CIRCUIT	PL DRIVE CIRCUIT
—	—	0	—
—	—	0	—
0	0	1	1
0	1	1	0
—	—	0	—
—	—	0	—
1	0	1	1
1	1	1	1

(b)

OPERATION		
LOGICAL VALUE	1	0
BRUSH ABRASION DETERMINATION CIRCUIT	LIGHTING WHEN BURSH ABRASION ALARM FLICKERING	NOT REACHED BRUSH ABRASION LIMIT LIGHT-OUT WHEN BRUSH ABRASION ALARM FLICKERING
OUTPUT VOLTAGE DETECTION CIRCUIT REVOLUTION SPEED DETECTION CIRCUIT	NOT LESS THAN OUTPUT VOLTAGE THRESHOLD NOT LESS THAN ENGINE SPEED THRESHOLD	GENERATOR GENERATES NO POWER ENGINE ROTATION STOPPED
POWER SUPPLY TRIGGER CIRCUIT	KEY SWITCH ON	KEY SWITCH OFF
PL DRIVE CIRCUIT	LAMP LIGHTING	LAMP LIGHT-OUT

F i g . 8

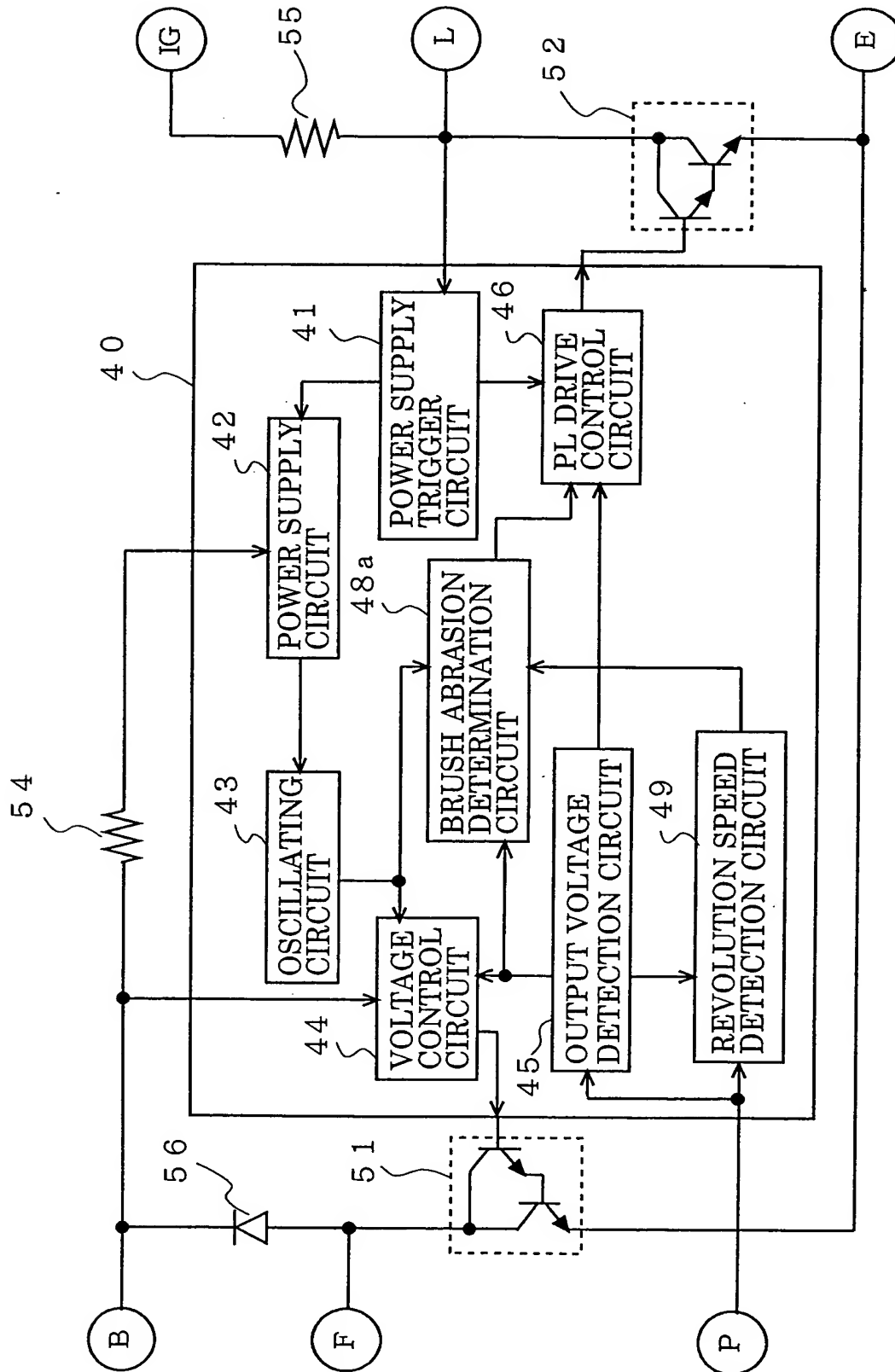
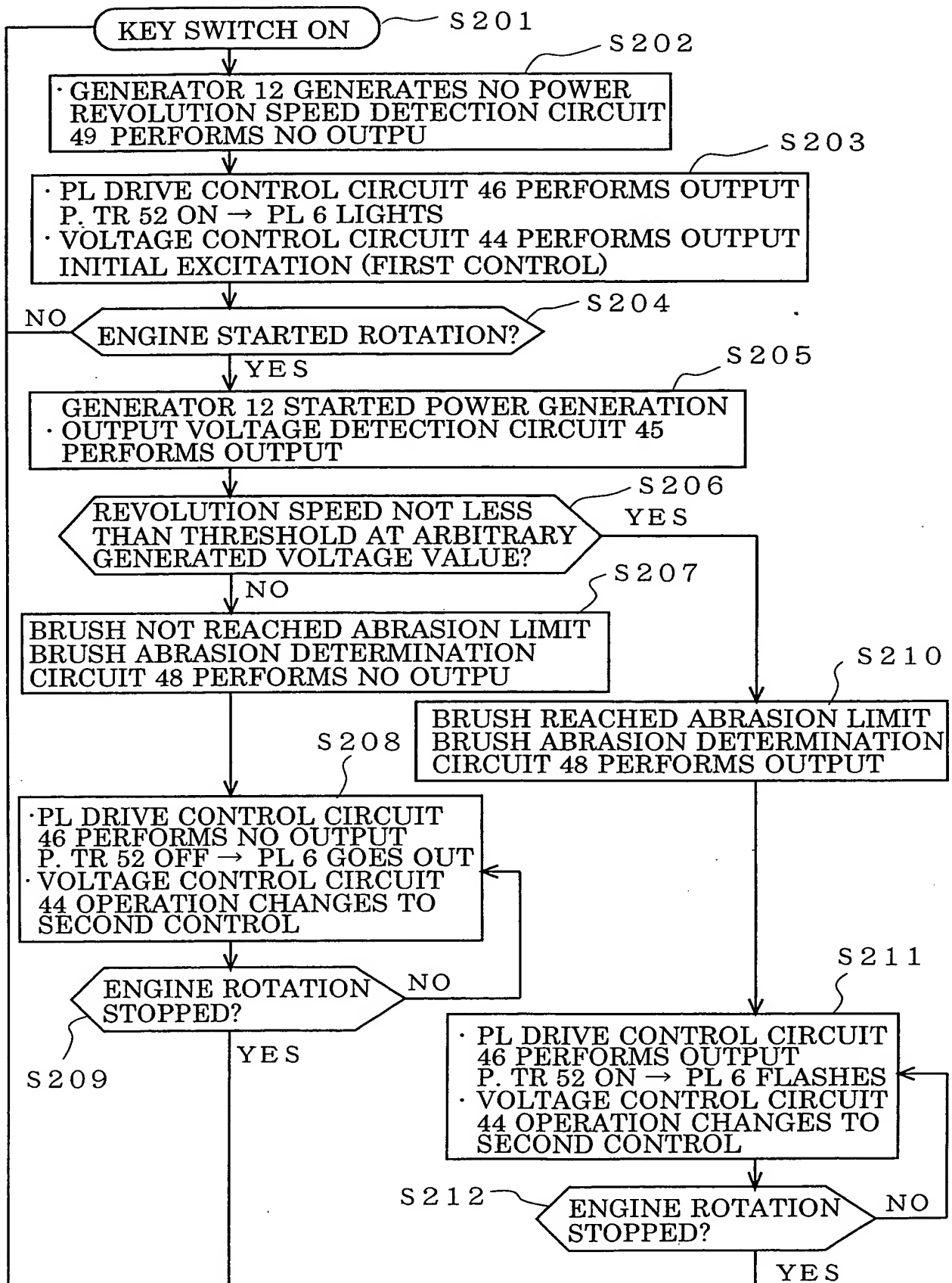


Fig. 9



F i g . 1 0

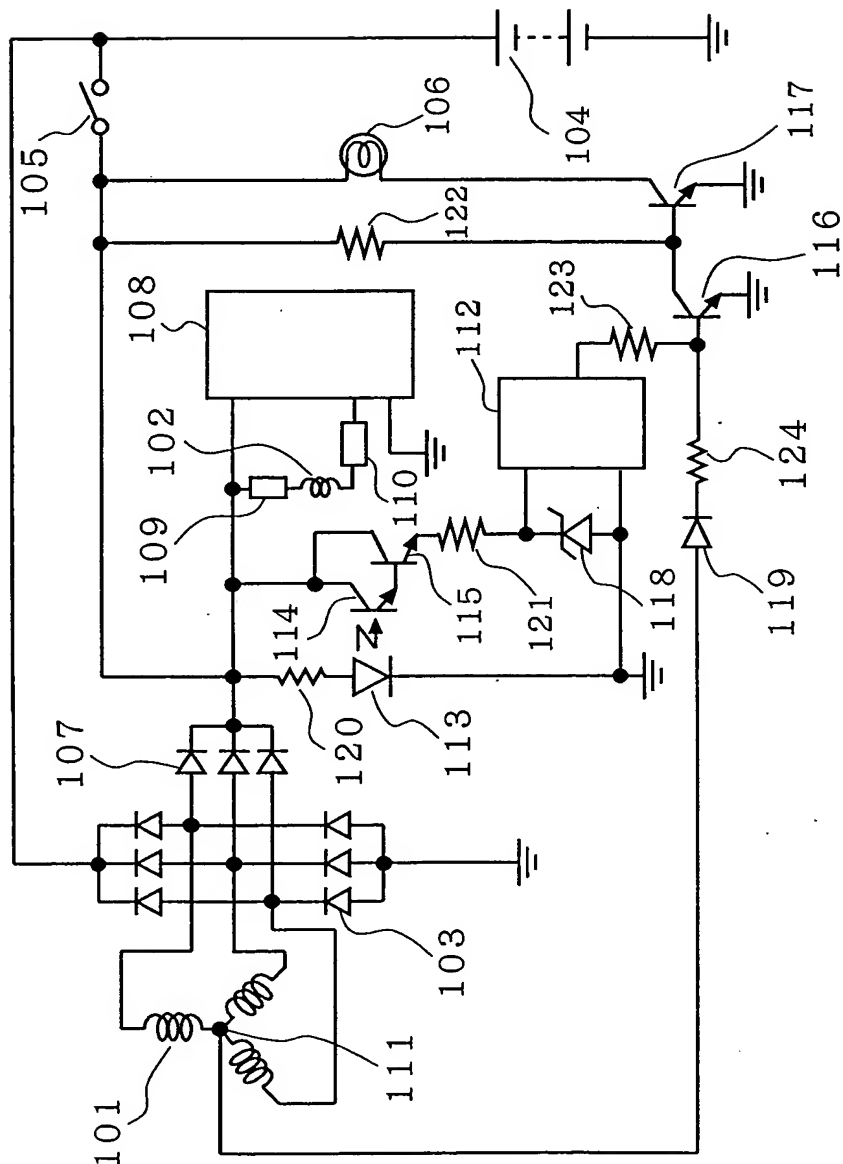
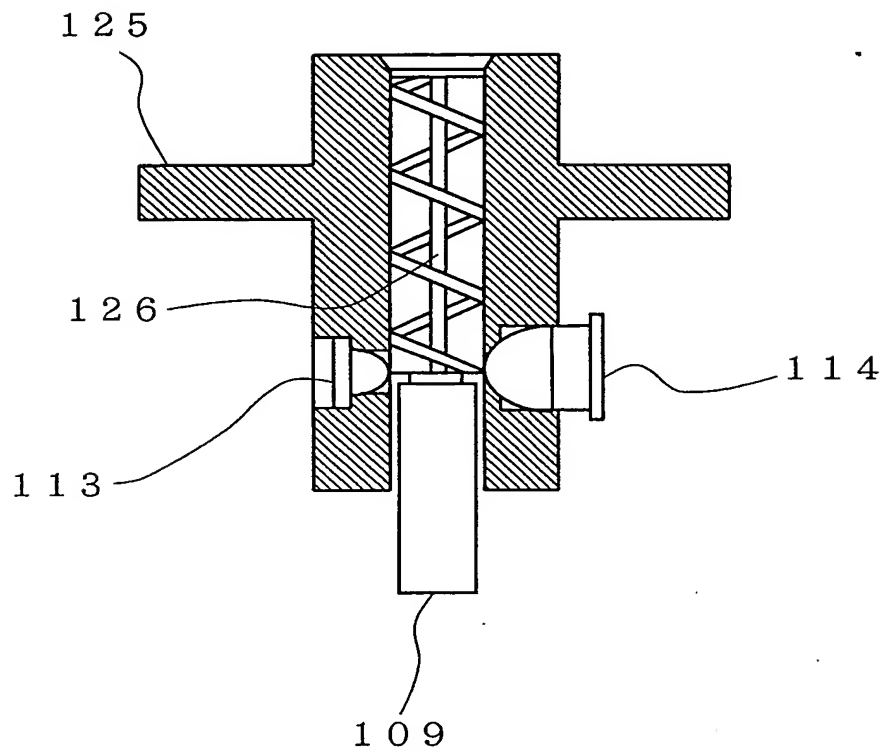


Fig. 11 (PRIOR ART)



F i g . 1 2 (P R I O R A R T)